



PROJECT: _____
ITEM # _____ QTY: _____
MODEL # _____
AIA # _____ SIS # _____

PEARL ICE MAKER

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GEM2006R49



Features and Benefits

- Fan favorite soft, chewable Pearl nugget-style ice.
- Cools beverages faster and longer while maintaining flavors better.
- Decreased water and power usage compared to cube ice makers.
- Load monitoring system constantly checks workload on gearbox shutting down system before a problem develops and preventing costly repairs.
- Water sensor eliminates low or no water failures and operates in adverse water conditions.
- Rugged stainless-steel evaporator assembly ensures reliability.
- Maintenance-free, industrial-grade double roller bearings.
- Heavy-duty gearbox provides years of trouble-free service.
- Built-in, non-contact ice detection fail safe automatic shutoff.



ICE FORMS	
PEARL ICE	1/2 x 3/8 in.
	12.7 x 9.5 mm

BIN CHART									
Model #	B40	B42	B55	B110	B700-30	B1000-48	B1300-48	B1325-60	B1660-60
capacity width	344 lbs (156 kg) 30 in (762 mm)	351 lbs (160 kg) 22 in (559 mm)	510 lbs (232 kg) 30 in (762 mm)	854 lbs (388 kg) 48 in (1,219 mm)	680 lbs (308 kg) 30 in (762 mm)	1,000 lbs (454 kg) 48 in (1,219 mm)	1,320 lbs (599 kg) 48 in (1,219 mm)	1,325 lbs (601 kg) 60 in (1,524 mm)	1,660 lbs (753 kg) 60 in (1,524 mm)
Kit for combining wider bins with smaller models	Kit Not Required	Not Compatible	Kit Not Required	BPF-1	Kit Not Required	Kit Not Required	Kit Not Required	Kit Not Required	Kit Not Required

See Ice-O-Matic Price List for Adapter Kits to combine ice makers with most available ice/beverage dispensers.



GEM2006R49 shown atop of bin B55 (sold separately)

Warranty

- Ice Maker: **3 years parts and labor**
- Compressor: **5 years parts**

Options & Accessories

- KGEMDISPB for ice level control for a dispenser - verify adapter with disp. manufacturer
- RC306C49 remote condenser

Water Filter

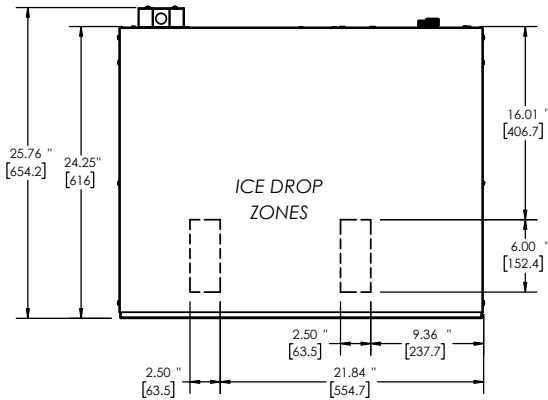
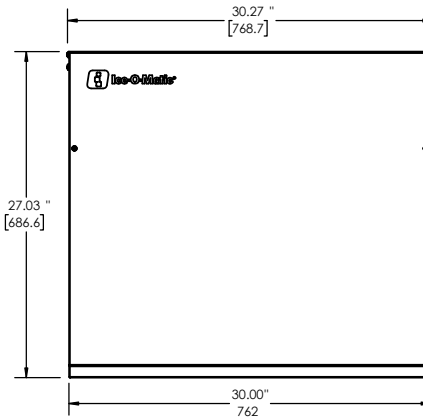
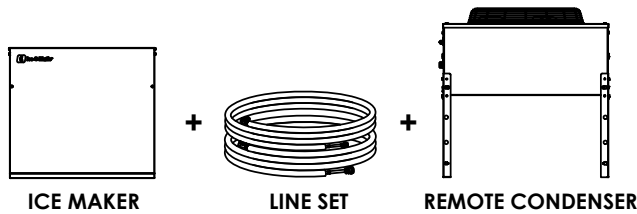
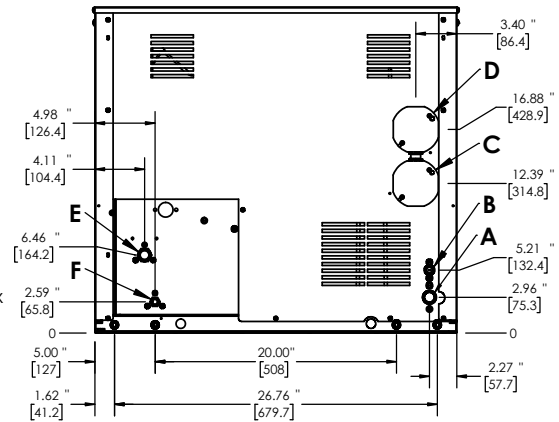
- Manifold System IFQ1-FL gets replacement filter IOMQ-FL

**Ice-O-Matic**

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Line drawing note: Numbers with quote symbol " are in inches. Numbers enclosed in [brackets] are in millimeters.

PLAN / TOP VIEW**ELEVATION / FRONT VIEW****UTILITIES / BACK VIEW****Remote Cooled**

- A. Ice Maker Drain, 3/4" FPT
- B. Ice Maker Potable Water Inlet, 3/8" FPT
- C. Electrical Connection, Junction Box
- D. Remote Condenser Electrical, Junction Box
- E. Remote Condenser Discharge Line, 1/2" male quick connect for line set
- F. Remote Condenser Liquid Line, 3/8" male quick connect for line set

SPECIFICATIONS

Model	GEM2006R49	Ice Production per 24 hrs	
Condensing Type	Remote	70° air / 50° water lbs (kg)	90° air / 70° water lbs (kg)
Voltage/Hertz/Phase	208-230/60/1	1780 (807)	1498 (679)
Min. Circuit Amp	23.1		
Max Breaker Size	40 A		
kWH per 100 lbs of ice at 70°F air / 50°F water	3		
kWH per 100 lbs of ice at 90°F air / 70°F water	3.7		
BTU (approx per hour)	17030		
Number of Wires	3 (including ground)	Water Usage gallons per 100 lbs of ice 90°F air / 70°F water	
Refrigerant	R449A	Potable	Condenser
Refrigeration Charge	208 oz	12	N/A

OPERATING REQUIREMENTS

	MINIMUM	MAXIMUM
Ambient Temp. Range Air	50°F (10°C)	100°F (38°C)
Water Temp	40°F (4°C)	100°F (38°C)
Water Pressure	20 PSIG (1.4 BAR)	80 PSIG (5.5 BAR)

DIMENSIONS

Unit Width	30	762
Unit Depth	24.25	616
Unit Height	27.03	687
Shipping Weight	306 lbs / 139 kg	
Shipping Dimensions (in.)	33 (W) x 27 (D) x 33 (H)	
Shipping Dimensions (mm)	838 (W) x 686 (D) x 838 (H)	

We reserve the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment.